

AMENDMENTS TO THE ABSTRACT

Please add the following paragraph for the abstract:

A magnetic memory unit having a first magnetizable electrode, a second magnetizable electrode, and at least one nanotube arranged between the electrodes in a longitudinal direction and coupled to the first electrode by a first longitudinal end and to the second electrode by a second longitudinal end. A storage information item is stored in the memory unit in a nonvolatile fashion by setting a magnetization direction of one of the magnetizable electrodes by applying an external magnetic field.